

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 87-159

WASTE DISCHARGE REQUIREMENTS FOR:

RICHARD AND LINDA GREENE, d.b.a.  
S. CLAUS  
YOUNTVILLE, NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. The S. Claus is located at 7331 St. Helena Highway, in Napa County. This facility was previously operated as the Grapevine Inn under a different ownership. The Board, on December 16, 1981, adopted Order No. 81-63 prescribing requirements as to the nature of waste discharge from the Grapevine Inn.
2. The owners of S. Claus, Richard and Linda Greene, filed a Report of Waste Discharge dated November 13, 1987, requesting that the Waste Discharge Requirements be updated to reflect the change of ownership and type of business operation.
3. The S. Claus (hereinafter called the Discharger) operates a Christmas tree farm and a retail store selling Christmas-related merchandise. The retail store includes a coffee and pastry concession. Wastewater generated from this business operation is estimated to be less than that of the Grapevine Inn. Therefore, modifications to the wastewater facilities are not required.
4. Domestic sewage generated from the on-site commercial and residential facilities is discharged to a septic tank system prior to receiving final treatment and disposal in a series of three stabilization ponds. Total surface area of the ponds is approximately 43,000 square feet. The first two ponds are equipped with surface aerator. The pond system is designed to treat, store, and dispose of an average annual wastewater flow of more than 1,140 gallons per day. Attachment A is a map showing the approximate location of the ponds and is hereby made a part of this Order.
5. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986. The Basin Plan contains water quality objectives for the Napa River and its tributaries.
6. The beneficial uses contained in the Basin Plan for the Napa River downstream from the vicinity of the Discharger's wastewater treatment and disposal facilities are:
  - a. Municipal and domestic supply
  - b. Agricultural Supply
  - c. Navigation
  - d. Water contact recreation

- e. Non-contact water recreation
  - f. Warm fresh water habitat
  - g. Cold fresh water habitat
  - h. Wild life habitat
  - i. Preservation of rare and endangered species
  - j. Fish migration and spawning
7. The beneficial uses of the Napa Valley groundwaters as set forth in the Basin Plan includes:
- a. Municipal supply
  - b. Industrial process water supply
  - c. Industrial service supply
  - d. Agricultural supply
8. This project involves the operation of existing privately-owned sewage disposal facilities with negligible or no expansion of use beyond that previously existing. Adoption of waste discharge requirements by the Board for such project is exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Administrative Code, Chapter 3, Section 15101.
9. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that the Discharger, pursuant to the provisions contained in Division 7 of the California Water code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

- 1. There shall be no bypass or overflow of untreated or inadequately treated wastewater to waters of the State from the Discharger's wastewater collection, treatment, or storage facilities.
- 2. Discharge of toxic substances into the ponds which will disturb the normal biological stabilization mechanisms of the ponds shall be prohibited.
- 3. The volume of waste discharge to the stabilization ponds shall not exceed an annual average of 1,140 gallons per day.

B. Discharge Specifications

General

- 1. Neither the treatment nor the disposal of wastes shall create a

nuisance or pollution as defined in the California Water Code.

2. The discharge of waste shall not degrade the quality of any groundwater used for domestic purposes or cause an increase in any quality parameter that would make groundwater unsuitable for irrigation use.
3. The Discharger shall maintain in good working order and operate as efficiently as possible any facilities or control system installed by the Discharger to achieve compliance with the waste discharge requirements.
4. The public shall be effectively excluded from the wastewater treatment area.
5. If pumps are used in the collection system, a high water level alarm shall be installed in each pump station wet well to prevent the occurrence of sewage spill resulting from power failure or mechanical breakdown.

#### Stabilization Ponds

6. The ponds shall be adequately protected from erosion, washout, and flooding from a rainfall event having a predicted frequency of once in 100 years.
7. To prevent threat of overflows, a minimum freeboard of 2 feet shall be maintained in the ponds at all times.
8. Waste at the surface of the treatment ponds shall meet the following quality limits at all times:

In any grab sample:

Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum
pH	6.0 minimum 9.0 maximum

#### C. Provisions

1. The Discharger shall comply with a Self-Monitoring Program as ordered by the Executive Officer.
2. The Discharger shall permit the Board or its authorized representatives in accordance with California Water Code Section 13267(c):
  - (a) Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this order;
  - (b) Access to and copy at reasonable times any records that must


be kept under the conditions of this order;

- (c) To inspect at reasonable times any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this order; and
  - (d) To photograph, sample, and monitor at reasonable times for the purpose of assuring compliance with this order.
3. When an approved public sanitary sewer is within 400 feet of the ponds, the Discharger shall submit a technical report to the satisfaction of the Executive Officer and time schedule describing how the ponds will be abandoned and connection made to the sanitary sewer.
  4. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
  5. The Discharger shall file with the Regional Board a report on waste discharge at least 120 days before making any material change in the character, location, or volume of the wastewater.
  6. In the event the Discharger is unable to comply with any of the conditions of this Order due to:
    - (a) Breakdown of waste treatment equipment;
    - (b) Accidents caused by human error or negligence; or
    - (c) Other causes such as acts of nature,the Discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.
  7. The Board will review this Order periodically and may revise the requirements when necessary.
  8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:
    - (a) Violation of any term or condition contained in this Order;
    - (b) Obtaining this Order by misrepresentation, or failure to disclose fully all relevant facts;
    - (c) Endangerment to public health or environment that can only

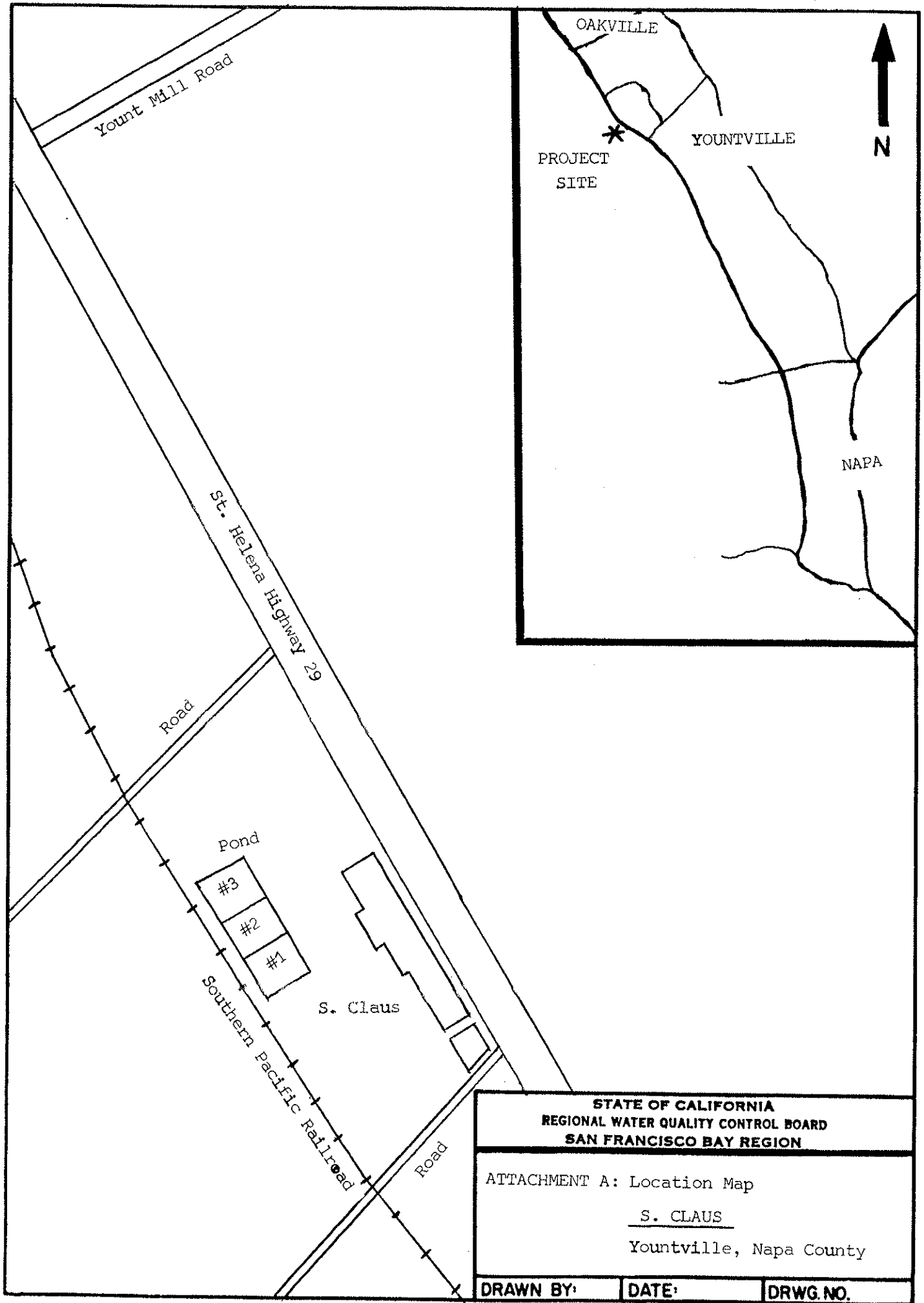
be regulated to acceptable levels by order modification or termination; and

- (d) Any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- 9. In reviewing compliance with Prohibition A.1. and Discharge Specification B.7. of this Order, the Board will take special note of the difficulties encountered in achieving compliance during entire wet seasons having a rainfall recurrence interval of greater than once in ten years.
- 10. All equipment including pumps, piping and valves, storage ponds, etc. which may at any time contain wastes shall be adequately and clearly identified with warning signs and the Discharger shall make all necessary provisions, in addition, to inform the public that the liquid contained therein is wastewater and is unfit for human consumption.
- 11. The waste discharge requirements prescribed by this Order supersedes the requirements prescribed by the Board's Order No. 81-63. Order No. 81-63 is hereby rescinded.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 16, 1987.

  
ROGER B. JAMES  
Executive Officer

Attachments:  
Location Map  
Self-Monitoring Program



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

FINAL  
SELF-MONITORING PROGRAM  
FOR

RICHARD AND LINDA GREENE, d.b.a.

S. CLAUS

YOUNIVILLE, NAPA COUNTY

ORDER NO. 87-159

CONSISTS OF

PART A

## PART A

Richard and Linda Greene, d.b.a.  
S. Claus

### I. GENERAL

#### Basis

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

#### Purpose

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board; and
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

### II. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analyses shall be performed according to the 40 CFR S136 or other methods approved and specified by the Executive Officer of this Regional Board.

Water and waste analyses shall be performed by a laboratory approved for these analyses by the State Department of Health (DOHS) or a laboratory waived by the Executive Officer from obtaining a certification for these analyses by the DOHS. The director of the laboratory whose name appears on the certification or his/her laboratory supervisor who is directly responsible for analytical work performed shall supervise all analytical work including appropriate quality assurance/quality control procedures in his or her laboratory and shall sign all reports of such work submitted to the Regional Board.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

### III. DEFINITION OF TERMS

1. A grab sample is defined as an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks. It is used primarily in determining compliance with daily maximum limits and instantaneous maximum limits. Grab samples represent only the condition that exists



at the time the wastewater is collected.

2. A flow sample is defined as the accurate measurement of the average daily flow volume using a properly calibrated and maintained flow measuring device.

3. Standard Observations

a. Land Retention or Disposal Area

This applies both to liquid and solid wastes confined or unconfined.

- (1) For each impoundment determine amount of the freeboard at lowest point of dikes confining liquid wastes.
- (2) Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show affected area on a sketch and estimate volume of flow.)
- (3) Odor: presence or absence, characterization, source, and distance of travel.
- (4) Estimated number of waterfowl and other water-associated birds in the disposal area and vicinity.
- (5) Warning signs or notices adequately posted to inform public of the disposal of wastewater.

IV. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

1. DESCRIPTION OF SAMPLING STATIONS

Station

Description

A. INFLUENT

A-001

At any point in the treatment facilities headworks where all waste tributary to the system is present, excluding any plant recirculation or other sidestream wastes.

B. STABILIZATION PONDS

Station

Description

P-1 thru P-3

Located at a point in pond Nos. 1, 2, and 3, respectively, one foot below the water surface and no less than two feet from the bank, representative of the wastewater.

c. LAND OBSERVATION

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	Located at ends and midpoints of the perimeter levees of all the stabilization ponds.

2. SCHEDULE OF SAMPLING, ANALYSIS, AND OBSERVATIONS

The Discharger is required to perform observations, sampling, and analyses according to the schedule given in Table 1. (Attachment A)

V. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Report of Permit Violation:

In the event the Discharger violates or threatens to violate the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failure, or breakdown of waste treatment equipment; or
- (b) accidents caused by human error or negligence; or
- (c) other causes such as acts of nature;

the Discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within seven working days of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problems from recurring.

2. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter and filed no later than the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal:

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the reporting period, actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. If the Discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. The letter shall contain a statement by the official, under penalty of

perjury, that to the best of the signer's knowledge the report is true, accurate, and complete.

b. Results of Analyses and Observations

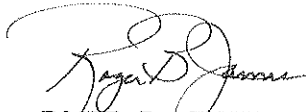
Tabulations of the results from each required analysis and/or observations specified in Table 1 (Attachment A) by date, time, type of sample, and station.

c. List of Approved Analyses

- (1) Listing of analyses for which the Discharger is approved by the State Department of Health Services.
- (2) List of analyses performed for the Discharger by another approved laboratory (and copies of reports signed by the laboratory director of that laboratory shall also be submitted as part of the report).

I, Roger B. James, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with the Waste Discharge Requirements established in Regional Board Order No. 87-159.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the Discharger, and revisions will be ordered by the Executive Officer.

  
ROGER B. JAMES  
Executive Officer

Effective Date: December 16, 1987

Attachments:  
A. Table I

ATTACHMENT A

TABLE 1

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSES  
(Richard & Linda Greene, d.b.a. S. Claus)

SAMPLING STATIONS	(2) A-1	all P	all L
Type of Samples	Meter	G	O
Flow Rate, (MGD)	M		
pH, (unit)		M	
Dissolved Oxygen, (mg/l)		M	
Dissolved Sulfides, (mg/l), (1)		M	
Applicable Standard Observations		W	W

LEGEND FOR TABLE 1

Type of Sample

Sampling Frequency

G= Grab sample,  
O= Observations,  
Meter= Measurement by meter

D= Daily,  
W= Once per week,  
M= Monthly,

Notes:

- (1). Analyze for this item only when Dissolved Oxygen is below 2.0 mg/l.
- (2). Monthly, determine average daily flow, reported in gallons per day (GPD).